## INTERNATIONAL SEARCH REPORT

International application No.

PCT-US03-19501

			303.13301	
	SSIFICATION OF SUBJECT MATTER			
IPC(7) : B66B I '34, 7-04				
US CL : 187/292, 401, 409				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 187/292, 401, 409, 410				
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
Electronic data base consumed during the international search (name of data base and, where practicable, search terms used)				
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	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a		ages Relevant to claim No.	
X	US 6,510,925 B1 (DE JONG) 28 January 2003, entire document.		1, 6 and 7	
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Α	US 5,141,082 A (ISHII et al.) 25 August 1992, Figures 1-9.		1 and 8	
Α	US 5,368,132 A (HOLLOWELL et al.) 29 November 1994, abstract and Figures.		1 and 8	
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4	and Figures. US 5,749,444 A (SKALSKI) 12 May 1998, Figures 1-14.		NONE	
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Further	r documents are listed in the continuation of Box C.	See patent family a	Pilo V	
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	defining the general state of the art which is not considered to be	principle or theory under	rlying the invention	
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"E" carlier aj	oplication or parent published on or after the international filing date	considered novel or com	ior be considered to involve an inventive step	
"L" documen	. t which may throw doubts on priority claim(s) or which is cited to	when the document is tal	ken alone	
establish the publication date of another citation or other special reason cas			elevance; the claimed invention cannot be	
specified	)		inventive step when the document is ore other such documents, such combination	
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"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed				
Date of the actual completion of the international search  Date of mailing of the international search			ational search report	
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Commissioner for Patents		Eileen D Lillis $\mathcal{A}(\mathcal{A})$		
	D. Box 1450 exandria, Virginia 22313-1450	Telephone No. (703) 308-11	113	
	Facsimile No. (703)305-3230			
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Form PCT/ISA/210 (second sheet) (July 1998)